

modulator is connected in a buffered manner to the input of the transmission channel.

31. (new) The circuit arrangement as recited in claim 30 wherein the output of the modulator is connected in a buffered manner to the input of the transmission channel via at least one of a temporary register and a buffer.

32. (new) The circuit arrangement as recited in claim 28 further comprising:  
a temporary storage device capable of triggering the recoder to switch between at least two recoding tables so that there is no storage overflow; and  
a second data source for providing the temporary storage with at least one of user data, synchronization data and check data.--.

#### IN THE ABSTRACT

Line 1, change "The invention relates to a" to --A--.

Line 3, after "transmitted." insert ~Signal points of a signal constellation are selected according to a respective predetermined and/or selected probabilities so as to optimize a respective signal energy and/or a respective signal data rate, the selected signal points each having a defined respective energy.--.

Line 4, change "instance, in a simple and optional way," to --example,-- and change "The circuit" to --In the circuit--.

Line 5, change "arrangement corresponding to said method comprises" to --arrangement,--.

Line 8, change "with the right probability" to --according to the respective probabilities--.

#### REMARKS

This Preliminary Amendment cancels original claims 1-15 and adds new claims 16-32. The new claims do not add new matter to the application but do conform the claims to U.S. Patent and Trademark Office rules.

The amendments to the specification, abstract and drawings are to conform the specification, abstract and drawings to U.S. Patent and Trademark Office rules. It is

respectfully submitted that the amendments to the specification, abstract and drawings do not introduce new matter into the application.

The underlying PCT application includes a Search Report, a copy of which is included herewith.

Conclusion

Consideration of the present application as amended is hereby respectfully requested.

Respectfully Submitted,

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